

Islands in the Stream Expedition

2001 Field Season

Dive Summary

The Steeples

9/26/2001

North Carolina Shelf: The Point, Steeples and Lophelia Banks, Islands in the Stream

Overview of Dive JSL2-4367 at The Steeples

Dan Boggess piloted this dive with aft technician Frank Lombardo at the site known as *The Steeples* (33.23180 / -76.73400) on 9/26/2001 starting at 8:01:54. Total dive time was 4:33:06 and the maximum depth reached was 360 feet. Scientific observers were Fred Rohde and Steve Ross. (All times EST)

Dive Objectives. Objectives accomplished during the dive include:

Exploration/Recon	Primary
Fish Assessment	Primary

Data Collected. Types of data collected during the dive include:

Stills	
CTD/Data Sonde	
Tracking	
Suction samples	4
Digital Video Tapes	1
Digital Video Tapes	1
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Digital Video Tapes	1

Living Marine Resources Abundance

few 2-10; many 11 - 100; abundant >100

Pelagic Fish	Few	Other Benthic
Bottom Fish	Abundant	
Crustacean		
Mollusk	Few	
Echinoderm		

Observations and Comments on Living Marine Resources:

General Comments

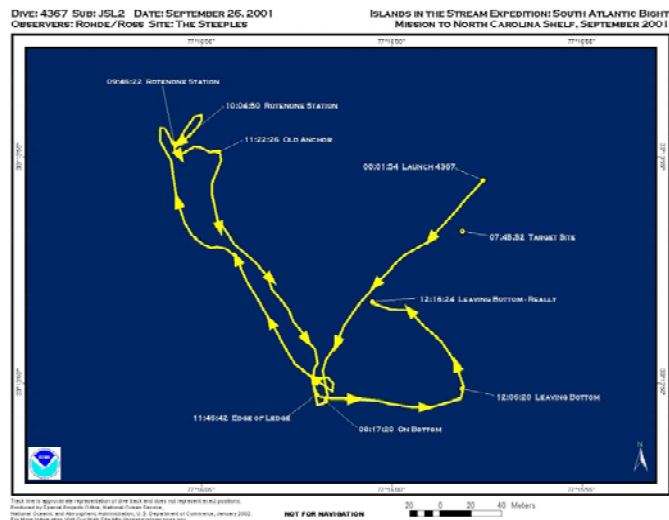
None.



Prepared by :
National Oceanic and Atmospheric Administration
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Dive Track Description

Dive started at upper ledge edge, limestone outcrops progressed to mid-level. Made a rotenone collection. Moved several hundred feet across slab rocks. Made another rotenone collection. Headed toward station 8 but instead moved back along ledge until it ended. Then went over top of ridge to other side of ledge. Started down but batteries got low. Rocks covered with soft and hard corals. A few seafans, some sponges. Relief of features observed during the dive ranged from to meters.



Observed Human Activities

Commercial Fishing

Shipping

Observed Human Impacts

Discarded Gear

Overall Dive Site Ratings

1 = low; 10 = high

Uniqueness	10
Health	10
Disturbance	8
Biodiversity	10

Observed Fish Abundance

few 2-10; many 11 - 100; abundant >100

Bodianus pulchellus	Many
C. nodosus	Few
C. sedentarius	Many
Chromis enchrysurus	Few
G. saxicola	Single
H. striatum	Many
M. microlepis	Single
M.phenax	Many
Mycteroperca Microlepis	Single
Priacanthus arenatus	Few
Pristigeyns alto	Single
Scorpaena sp.	Single
Soriola dumerilii	Many
Spotfin Hogfish	Many